

REMARKS

Claims 15, 16 and 47-61 are pending in the present application. By this Amendment, claims 47-61 have been added and claims 1-14 and 17-46 have been canceled without prejudice or disclaimer of the subject matter therein. Reconsideration of the application in view of the amendments above and the following Remarks is respectfully requested.

Unless otherwise indicated in the Remarks set forth below, the amendments to the claims are made for the purpose of correcting informalities and/or to more clearly define the claimed invention, and are not made for the purpose of overcoming the cited art.

Applicants appreciate the Patent Office's indication that claims 15 and 16 are allowed, and that claims 5, 6, 9, 10, 18-22, 25, 37-40, 45 and 46 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 5, 6, 9, 10, 18-21, 25, 37-40, 45 and 46 have been rewritten as claims 47-61. Specifically, new claim 47 corresponds to claim 5, new claim 48 corresponds to claim 6, new claim 49 corresponds to claim 9, new claim 50 corresponds to claim 10, new claims 51-54 correspond to claims 18-21, new claim 55 corresponds to claim 25, new claims 56-59 correspond to claims 37-40, new claim 60 corresponds to claim 45 and new claim 61 corresponds to claim 46. Thus, Applicants respectfully submit that claims 47-61 are in condition for allowance.

The Patent Office objects to the specification as failing to provide proper antecedent basis for the claimed subject matter. Specifically, the Patent Office asserts that the language in claim 22 that recites “said sensor comprises a velocimeter” is not described in the specification. Claim 22 has been canceled, and thus this objection is now moot.

The Office Action rejects claims 1-4, 7, 8, 17, 23, 24, 26, 27, 36 and 41-45 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Publication No. 2003/0013541 to Weiss et al. (hereinafter “Weiss”). Claims 1-4, 7, 8, 17, 23, 24, 26, 27, 36 and 41-45 have been canceled. Thus, this rejection is now moot.

The Office Action rejects claims 28-31 under 35 U.S.C. § 103(a) over Weiss. Claims 28-31 have been canceled, and thus this rejection is now moot.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **René A. Vázquez, Esq.**, at the telephone number listed below.

Serial No. **10/849,571**
Reply to Office Action of April 12, 2006

Docket No. **UMBC-0015**

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
FLESHNER & KIM, LLP

A handwritten signature in black ink, appearing to read "René A. Vázquez", is written over the printed name and firm name.

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